

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-03-19 18:28:25

Date of Next Testing: 2030-03-18 18:28:25

Product Name: (S)-(-)-1-Benzyl-3-pyrrolidinol

CAS Number: 101385-90-4

Specifications & Purity: ≥99%

Lot #: C2613260

SKU #: B119138

Version: 2

Analysis #: 678933

Storage Temperature: Store at 2-8°C

| Parameter                                           | Limit Values                      | Result                            |
|-----------------------------------------------------|-----------------------------------|-----------------------------------|
| Enantiometric Excess                                | 99-100 (%)                        | 99.01000 %                        |
| Density (20°C)                                      | 1.071-1.074                       | 1.07300                           |
| Refractive index n <sub>20/D</sub>                  | 1.547-1.55                        | 1.54800                           |
| Purity                                              | 99-100 (%)                        | 99.09000 %                        |
| Specific Rotation [α] <sub>20/D</sub> (c=5 in MeOH) | -4.7~-2.7 (°)                     | -4.40000 °                        |
| Appearance (B119138)                                | colorless to gold to brown liquid | colorless to gold to brown liquid |
| Proton NMR spectrum                                 | Conforms to structure             | Conforms to Structure             |



John Su  
QA & QC Manager